

When we started the Expanded Books Project in the summer of 1990 we assumed that powerful, book-size computers with high-resolution displays, perfectly suitable for reading, would be on the market within five years. We also knew we were unwilling to cede the future of communication to MTV and wanted to explore ways in which computers could be used to enhance the experience of reading.

As part of the project, we proposed to put a number of books out in electronic form. This *modern* library would be a test bed for readers and researchers to learn about the form and function of electronic books. We didn't foresee a broad-based commercial product for at least four or five years—although we did make neat *Text: The Next Frontier* T-shirts.

A year later, Apple sent us a prototype of the new Macintosh PowerBook. Within 30 minutes of its arrival someone put a few pages from a favorite novel into a HyperCard stack and showed it around the office. What we saw was Palatino type on a bright, off-white display that didn't jump or flicker, surrounded by the PowerBook's elegant gray borders. The effect was unlike anything we associated with computers. It was eerily book-like.

Immediately, we realized that the PowerBook is much more than a small Mac. It is the first viable precursor of a new generation of personal, intimate computing devices which are best described by Alan Kay's vision of a Dynabook, a powerful book-size computer that can be "a dynamic medium for creative thought."

So, an hour after the PowerBook arrived, we decided to begin publishing books to be read on it. It's not a perfect environment (you should be able to choose a vertical orientation for the screen, it's too heavy, it's only black & white and can't display photos, the search engine isn't powerful enough, etc., etc., etc.) but we think it's good enough to begin a period of experimentation during which electronic books will evolve. (Note: Although the books will work on any Mac with a large display, the PowerBook was the environment we had in mind as we designed them.)

When we designed the books, our goal was to make something that looks enough like a book that people will recognize it as such, and to maintain enough of a book's functionality so that readers don't feel they're giving something up. The find, search, and notekeeping functions are meant to be a bonus; you shouldn't have to give something up to get them.

The question everyone asks is, "why would anyone want to read on a computer?" To be honest, we're not entirely sure yet. Our instincts tell us that getting text onto the computer in a readable form may be as important as the shift from the scroll to the bound book. A scroll is a linear medium and the reader has very limited access to the contents. Once the contents are divided into sequential pages, readers can directly access any section of the document.



When text goes "electronic" the user has access to any word. Over time this will encourage a much more active style of reading as we become used to the possibility of following characters through novels and easily picking up references that were 100 pages back. But there is undoubtedly much more to come. Eventually, authors will start to write knowing that readers will be reading the work in a dynamic medium. And then we will see the birth of new forms of expression.

—*The Voyager Expanded Books Team*



#### THE COMMUNITY OF READERS

To encourage an ongoing dialog about the form  
and content of electronic books,

Voyager is launching The Community of Readers,  
a new online forum on CompuServe beginning in January 1992.

To participate in the forum type GO READERS.



#### **IMPORTANT TIPS** (for people who NEVER read documentation)

- Use the forward and backward arrows on the keyboard to go from page to page.
- All functions are available either from the Books menu or from the Tool Palette.
- To make the menubar appear, move the cursor to the top of the screen. The menubar will appear automatically and will remain visible as long as the cursor remains at the top of the screen.
- Click anywhere in the gray area on the right side to make the Tool Palette appear (or when it is visible, to make it disappear).
- You can find occurrences of any word in the text by holding the mouse down over that word. A pop-up menu will appear giving you various search options.
- The little book symbol on the copyright page of the book is a bookmark that automatically remembers where you were in a book when you leave or close it. Just click on the bookmark to go directly to that page.
- There are a lot of features built into the books. A cursory browse through the online help will be well-rewarded. Get help through the Books menu or by typing **⌘ -?**

#### **INSTALLING YOUR EXPANDED BOOK™**

Your Expanded Book comes compressed on a high-density floppy disk. To install it, you will need a 1.4 MB floppy disk drive (FDHD), and a hard disk with at least four megabytes of free space.

There are four parts to installing your book: extracting the compressed files, installing the fonts, installing your Expanded Book stacks, and registering your ownership of the book.

## Step One: Extracting the Compressed Files

1. Insert the floppy disk into the floppy disk drive of your computer.
2. Open the floppy disk. You should see a single file, the name of which ends in ".sea" (for example, "Annotated Alice.sea"). This file is a self-extracting archive, a program that contains a compressed version of all the files needed for you to read your Expanded Book.
3. Copy the ".sea" file to your hard disk.
4. Eject the floppy disk and put it in a safe place.
5. Double-click the ".sea" file. The self-extracting archive program places a folder on your hard disk containing all the files that come with your Expanded Book. This step will probably take a few minutes.

**Step Two: Installing the Fonts** (If you already have some Expanded Books installed on your computer, you can skip to Step Three.)

1. Open the folder that was created in Step One. Inside, you will find a font suitcase that contains the fonts you need to install in order to read your book.
2. If you are running System 7 or later, install the fonts by dragging the font suitcase over the System folder of your hard disk. You might have some of the fonts you need already installed; in this case, the system will ask you if you want to replace them. Answer "yes" to replace them, or, if you are knowledgeable about how fonts work on the Macintosh, answer "no" and manually install just the fonts that you are missing. Consult your Macintosh documentation on how to install fonts for more details.

If you are running an earlier system (prior to System 7), you will have to use the "Font DA Mover" application to install the fonts, as follows:

- Double-click the font suitcase to start up Font/DA Mover.
- Click the Open button below the empty list box and select your System file.
- Check the list of fonts in your System for the fonts in the Expanded Books suitcase. If the fonts are already present, you do not need to install them and can quit Font/DA Mover.
- Select all the fonts in the Expanded Books list box. (Hold down the Shift key while you click to select more than one font.)
- Click Copy to add the fonts to your System file. The arrows on the Copy button should be pointing from the Expanded Books file to your System file.
- Click Quit when you have finished installing the fonts.

## Step Three: Installing Your Expanded Book Stacks

1. If you have never installed an Expanded Book on your computer before, you should rename the folder created in Step One to something like "Expanded Book Folder," then go on to Step Four.
2. If you already have some Expanded Books on your computer, drag the Expanded Book



stack (and its "Annotations" stack, if present) to the folder where you keep your Expanded Books. You will not need "The Library" and "Notebook" stacks, nor the "EB Fonts" file, that are included in the folder created in Step One. You can now discard that folder.

#### **Step Four: Registering Ownership**

1. The first time you open a new Expanded Book, *you must register your name in the book in order to read it.* Make sure you type your name the way you want it to appear on the "Ex Libris" bookplate of your Expanded Book before you hit the Okay button.
2. After you register your book, a Help window will appear giving you instructions on how to proceed.

#### **EXPANDED BOOKS AND MEMORY**

The Expanded Books require HyperCard version 2.1 or higher, and at least 975K of RAM must be allocated to HyperCard.

To change the memory allocation for HyperCard, select the HyperCard application in the Finder and choose "Get Info" from the File Menu. You will see a box labelled "Current Size." If the number in that box is below 1000, you will need to reset it, as follows:

1. If you have more than 2 megabytes of RAM installed in your computer, set the current size to 1000.
2. If you have only 2 megabytes of RAM installed in your computer, set the current size to 975.
3. On a 2-megabyte Macintosh running System 7, you may not have 975K available for HyperCard. First, set HyperCard's current size to 950K. Then, move the stack called "Audio Help" (which is usually in the same folder as HyperCard) into a new folder. You will need to move "Audio Help" back where you found it when you are using HyperCard to record sound.
4. If, after hiding the "Audio Help" stack and setting the current size to 950K, you still get a low memory message, try restarting your computer with the shift key held down. This will prevent the Macintosh from loading system extensions and should free some memory. You will lose the functionality these extensions provide, so will probably want to restart your machine normally after you finish reading your Expanded Book.

If you still don't have enough memory available, you may still be able to browse through an Expanded Book, but some features may not work properly.

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is copyrighted by its author.

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its look and feel, and related documentation are copyrighted by  
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You may use your copy on one computer at a time.  
The program and its contents  
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